

C6348837

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington.

STM
No. 2-152-5L

Remington®
REG. U.S. PAT. & TM. OFF.

Remington-Union
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6348837

ORDER NO.
5716

Ø1

5716 C6348837

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348837

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	RW
600	Proof	7 21	89	RW
607	Check Headspace	7 21	89	RW
610	Dis-assemble Gun		89	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		7/29/89	WC
618	Polish Barrel RB		7/31/89	WC
620	Apply Coatings (Barrel Action)		8/2/89	RW
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/2/89	RW
	C) Inspect Ejector Hole for Chamfer		8/2/89	RW
	D) Oil Firing Pin Ass'y		8/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/2/89	RW

BARBER - M24 0039437		READINGS			DATE	INIT
op. #	OP. NAME					
625 cont.	F) Safety On Force	5	5	4	8aug89	JS
	G) Safety Off Force	4	3	3	8aug89	JS
	H) Trigger Pull Test & Retainability				8aug89	JS
	I) Firing Pin Indent	.0205	.020	.020	8aug89	JS
	J) Assemble Stock				8/14/89	RW
	K) Assemble Swivel Studs				8aug89	JS
	L) Attach Front and Rear Sight Assemblies				8/14/89	RW
	M) Iron Sight Alignment				8/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container				8/14/89	RW
	O) Attach Scope to Rifle				8/14/89	JS
	P) Detach & Attach Scope 20 Times				8/14/89	JS
640	Gallery Target & Test	61 R	91 L		8-17-89	A
	A) Time				8-17-89	A
	B) Malfunctions				8-17-89	A
	C) Pierced Primers				8-17-89	A
	D) Optical Clarity of Scope				8-17-89	A
645	Inspect for Live Ammo				8-17-89	A
655	Final Inspection					
	A) Headspace				18aug89	JS
	B) Trigger Pull	2.76	2.83	2.58	18aug89	JS
	C) Function				18aug89	JS
660	Pack				19 Aug 89	JS

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 05348837
18 Aug 1989

CENTROIDAL DISTANCES

0 TO 1	.336027
1 TO 2	.575029
1 TO 3	.388973
1 TO 4	.248244
1 TO 5	.641365

114 (----POR
35

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5744
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .672425
THE AMR FOR THIS RIFLE IS: .9374

18 Aug 1949

FILE: PATTERNING/CENTERFIRE_PATT/CE34B837

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS = 2.300

VS = 2.292

CS = 2.626

CENTROID +

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.082

.946

1.028

MINIMUM X

-1.226

-1.325

-1.243

MAXIMUM Y

1.169

1.098

.946

MINIMUM Y

-1.123

-1.194

-.737

CENTROID X

.315

.451

.369

CENTROID Y

-.117

-.046

.104

POA TO CENTROID in.

.336

.453

.388

MIN RADIUS

.483

.453

.436

MEAN RADIUS

1.064

1.007

.957

MAX RADIUS

1.383

1.426

1.351

HORIZONTAL SPREAD

2.308

2.271

2.271

VERTICAL SPREAD

2.292

2.292

1.685

EXTREME SPREAD

2.626

2.626

2.319

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

10

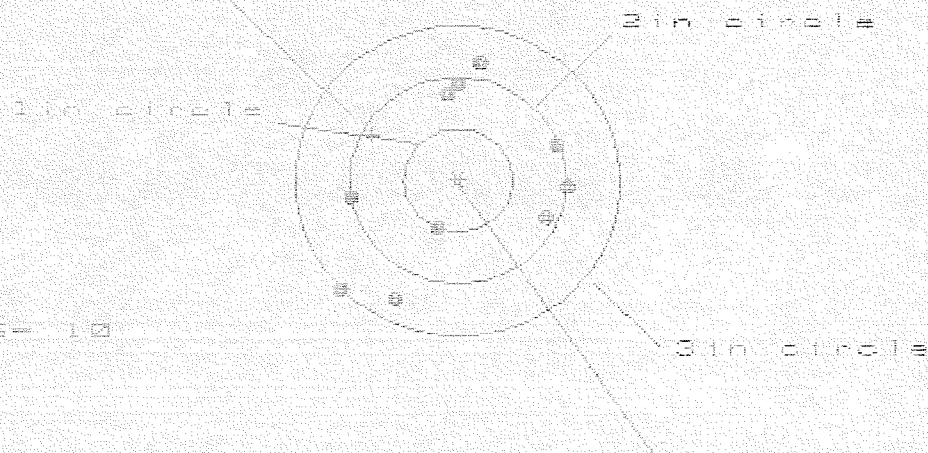
19 Aug 1989

FILE: \PATTERNING\CENTERFIRE_PAT\VC6248837

CENTERFIRE PATTERNS

2

POB



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 3

HS= 2.178

VS= 2.361

CS= 2.600

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.043	.916	.829
MINIMUM X	-1.135	-1.082	-1.169
MAXIMUM Y	1.168	1.053	.890
MINIMUM Y	-1.193	-1.308	-1.741
CENTROID X	.788	.915	1.002
CENTROID Y	-.444	-.329	-.166
POB TO CENTROID in.	.905	.972	1.016
MIN RADIUS	.498	.656	.630
MEAN RADIUS	1.013	.935	.839
MAX RADIUS	1.537	1.484	1.236
HORIZONTAL SPREAD	2.178	1.998	1.998
VERTICAL SPREAD	2.361	2.361	1.631
EXTREME SPREAD	2.600	2.499	1.939
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	6	6	6
NUMBER IN THREE INCH CIRCLE =	9	9	9

18 Aug 1989

FILE: PATTERNING/CENTERFIRE_PATT/08348837

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

* OF SHOTS = 10

IN CIR

1 in = 3

2 in = 3

3 in = 8

CE = 2.640

VS = 2.083

CS = 2.681

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.734

1.528

1.647

MINIMUM X

-1.906

-1.714

-1.523

MAXIMUM Y

1.249

1.194

1.083

MINIMUM Y

-1.834

-1.889

-1.730

CENTROID X

.441

.249

.058

CENTROID Y

-.485

-.430

-.319

POA TO CENTROID in

.656

.496

.324

MIN RADIUS

.044

.070

.165

MEAN RADIUS

.904

.752

.627

MAX RADIUS

1.804

1.768

1.261

HORIZONTAL SPREAD

2.640

2.242

1.170

VERTICAL SPREAD

2.083

2.083

1.912

EXTREME SPREAD

2.931

2.827

2.152

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

8

10 Aug 1985

FILE: PATTERNING/CENTERFIRE_PATT/0034B837

CENTERFIRE PATTERNS

4

POB

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

ME= 2.482

VE= 2.362

GE= 2.819

PATTERN #

4

	10	9	8
SHOTS (TEST OF)	10	9	8
MAXIMUM X	1.680	1.480	1.536
MINIMUM X	-1.802	-1.519	-1.463
MAXIMUM Y	1.442	1.448	1.135
MINIMUM Y	-1.928	-1.514	-1.733
CENTROID X	-.563	-.763	-.707
CENTROID Y	-.128	-.134	-.315
POB TO CENTROID (in)	1.577	1.775	1.774
MIN RADIUS	1.396	1.399	1.265
MEAN RADIUS	1.932	1.824	1.676
MAX RADIUS	1.803	1.517	1.144
HORIZONTAL SPREAD	2.482	1.999	1.939
VERTICAL SPREAD	2.362	2.362	1.868
EXTREME SPREAD	2.819	2.439	1.883
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	5	8	8
NUMBER IN THREE INCH CIRCLE =	8	8	8

10 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08340837

CENTERFIRE PATTERNS # 5

POH

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 2.500

VS = 2.481

GS = 2.577

PATTERN #

5

SALES (BEST OF)

10

9

8

MAXIMUM X

1.045

.854

.931

MINIMUM X

-1.455

-1.736

-1.609

MAXIMUM Y

1.248

1.230

1.130

MINIMUM Y

-1.233

-1.281

-1.789

CENTROID X

.765

.926

.879

CENTROID Y

-.574

-.606

-.436

POH TO CENTROID IN

.936

1.107

1.930

MIN RADIUS

.141

.012

.143

MEAN RADIUS

.774

.675

.609

MAX RADIUS

1.484

1.282

1.130

HORIZONTAL SPREAD

2.500

1.620

1.620

VERTICAL SPREAD

2.481

2.481

1.899

EXTREME SPREAD

2.577

2.519

1.840

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10

RECEIVING AND ESTIMATING REPORT

INITIAL JJM		CUSTOMER ORDER NO.		COMMENTS M-24 SNIPER			
DATE RECEIVED 05/29/90	DATE OPENED 05/31/90	DATE CODE	SERIAL NUMBER C6348837	MODEL AND GRADE 9999 7.62 NATO		ORDER R 90-15655	
ACCESSORIES W/STUDS		W/SWIVELS		SOFT CASE		SCOPE BASE	

FROM:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

SHIP TO:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ
08641

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☒ NEW☐ SLIGHTLY WORN☐ VERY WORN☐ MISUSED☐ MARRED

CUSTOMER'S REQUEST

REPLACE TRIGGER ASSY

MAIN FAULT

PARTS

REPAIRMAN <i>RL</i>	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 6/88

OFFICE COPY

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348837DATE 4/5/90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.42	2.39	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.37	2.41	2.70	
PULL #3	2.47	2.39	2.43	2.69	
PULL #4	2.46	2.34	2.38	2.69	
PULL #5	2.47	2.35	2.49	2.64	
TOTAL	12.34	11.87	12.10	13.32	
AVG.	2.46	2.37	2.42	2.664	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.13		
PULL #2	3.11	3.12		
PULL #3	3.12	3.11		
PULL #4	3.11	3.04		
PULL #5	3.14	3.09		
TOTAL	15.76	15.49		
AVG.	3.15	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.22		
PULL #2	4.32	4.22		
PULL #3	4.27	4.24		
PULL #4	4.20	4.21		
PULL #5	4.27	4.24		
TOTAL	21.36	21.13		
AVG.	4.27	4.22		